

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A cathode ray tube comprising:

a panel having an outer surface which is substantially flat and an inner surface which has a radius of curvature; and

a shadow mask having a plurality of apertures through which electron beams pass, each of the plurality of apertures at a central portion of the shadow mask having a continuously arcuate periphery, a ratio  $Sh/Sv$  of a horizontal dimension  $Sh$  of the aperture to a vertical dimension  $Sv$  of the aperture satisfying a condition of  $Sh/Sv < 1$  at the central portion of the shadow mask;

wherein, by defining the ratio  $Sh/Sv$  at the central portion of the shadow mask as  $A$  and the ratio  $Sh/Sv$  at an end portion of a diagonal axis of the shadow mask as  $B$ , a ratio  $B/A$  satisfies a condition of  $B/A \geq 1.1$ .

2. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  at an end portion of a short axis of the shadow mask.

3. (Original) The cathode ray tube of claim 2, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv \geq 1$  at an end portion of a diagonal axis of the shadow mask.

4. (Original) The cathode ray tube of claim 2, wherein the ratio  $Sh/Sv$  satisfies  $Sh/Sv \geq 1$  at an end portion in a long axis of the shadow mask.

5. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  is satisfies a condition of  $0.89 \leq Sh/Sv \leq 0.95$  at the central portion of the shadow mask.

6. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  on a short axis of the shadow mask.

7. (Cancelled)

8. (Original) The cathode ray tube of claim 1, which is used for a monitor.

9. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.90 \leq Sh/Sv \leq 0.96$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a short axis of the shadow mask.

10. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfied a condition  $0.95 \leq Sh/Sv \leq 1.03$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a long axis of the shadow mask.

11. (Original) The cathode ray tube of claim 1, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.95 \leq Sh/Sv \leq 1.05$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a diagonal axis of the shadow mask.

12. (Previously Presented) A cathode ray tube comprising:  
a panel having an outer surface which is substantially flat and an inner surface which has a radius of curvature; and  
a shadow mask having a plurality of apertures through which electron beams pass,  
wherein a ratio  $Sh/Sv$  of a horizontal dimension  $Sh$  of the aperture to a vertical dimension  $Sv$  of the aperture satisfies a condition of  $0.89 \leq Sh/Sv \leq 0.95$  at a central portion of the shadow mask.

13. (Previously Presented) The cathode ray tube of claim 12, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  at an end portion of a short axis of the shadow mask.

14. (Previously Presented) The cathode ray tube of claim 13, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv \geq 1$  at an end portion of a diagonal axis of the shadow mask.

15. (Previously Presented) The cathode ray tube of claim 13, wherein the ratio  $Sh/Sv$  satisfies  $Sh/Sv \geq 1$  at an end portion in a long axis of the shadow mask.

16. (Previously Presented) The cathode ray tube of claim 12, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  on a short axis of the shadow mask.

17. (Previously Presented) The cathode ray tube of claim 12, wherein the ratio  $Sh/Sv$  satisfied a condition  $0.95 \leq Sh/Sv \leq 1.03$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a long axis of the shadow mask.

18. (Previously Presented) The cathode ray tube of claim 12, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.95 \leq Sh/Sv \leq 1.05$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a diagonal axis of the shadow mask.

19. (Previously Presented) A cathode ray tube comprising:  
a panel having an outer surface which is substantially flat and an inner surface which has a radius of curvature; and  
a shadow mask having a plurality of apertures through which electron beams pass,  
wherein a ratio  $Sh/Sv$  of a horizontal dimension  $Sh$  of the aperture to a vertical dimension  $Sv$  of the aperture satisfies a condition of  $Sh/Sv < 1$  at a central portion of the shadow mask, and,  
by defining the ratio  $Sh/Sv$  at the central portion of the shadow mask as  $A$  and the ratio  $Sh/Sv$  at an end portion of a diagonal axis of the shadow mask as  $B$ , a ratio  $B/A$  satisfies a condition of  $B/A \geq 1.1$ .

20. (Previously Presented) The cathode ray tube of claim 19, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  at an end portion of a short axis of the shadow mask.

21. (Previously Presented) The cathode ray tube of claim 20, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv \geq 1$  at an end portion of a diagonal axis of the shadow mask.

22. (Previously Presented) The cathode ray tube of claim 20, wherein the ratio  $Sh/Sv$  satisfies  $Sh/Sv \geq 1$  at an end portion in a long axis of the shadow mask.

23. (Previously Presented) The cathode ray tube of claim 19, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  on a short axis of the shadow mask.

24. (Previously Presented) The cathode ray tube of claim 19, wherein the ratio  $Sh/Sv$  satisfied a condition  $0.95 \leq Sh/Sv \leq 1.03$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a long axis of the shadow mask.

25. (Previously Presented) The cathode ray tube of claim 19, wherein the ratio  $Sh/Sv$  satisfies a condition  $0.95 \leq Sh/Sv \leq 1.05$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a diagonal axis of the shadow mask.

26. (Previously Presented) A cathode ray tube comprising:

a panel having an outer surface which is substantially flat and an inner surface which has a radius of curvature; and

a shadow mask having a plurality of apertures through which electron beams pass, wherein a ratio  $Sh/Sv$  of a horizontal dimension  $Sh$  of the aperture to a vertical dimension  $Sv$  of the aperture satisfies a condition of  $Sh/Sv < 1$  at a central portion of the shadow mask, and the ratio  $Sh/Sv$  satisfies a condition  $0.90 \leq Sh/Sv \leq 0.96$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a short axis of the shadow mask.

27. (Previously Presented) The cathode ray tube of claim 26, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  at an end portion of a short axis of the shadow mask.

28. (Previously Presented) The cathode ray tube of claim 27, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv \geq 1$  at an end portion of a diagonal axis of the shadow mask.

29. (Previously Presented) The cathode ray tube of claim 27, wherein the ratio  $Sh/Sv$  satisfies  $Sh/Sv \geq 1$  at an end portion in a long axis of the shadow mask.

30. (Previously Presented) The cathode ray tube of claim 26, wherein the ratio  $Sh/Sv$  satisfies a condition of  $Sh/Sv < 1$  on a short axis of the shadow mask.

31. (Previously Presented) The cathode ray tube of claim 26, wherein the ratio  $Sh/S_v$  satisfied a condition  $0.95 \leq Sh/S_v \leq 1.03$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a long axis of the shadow mask.

32. (Previously Presented) The cathode ray tube of claim 26, wherein the ratio  $Sh/S_v$  satisfies a condition  $0.95 \leq Sh/S_v \leq 1.05$  at a region corresponding to 80%~95% of a distance from a center of the shadow mask to an end of a diagonal axis of the shadow mask.